

Date: Sun, 1 Aug 93 23:43:26 PDT
From: Ham-Policy Mailing List and Newsgroup <ham-policy@ucsd.edu>
Errors-To: Ham-Policy-Errors@UCSD.Edu
Reply-To: Ham-Policy@UCSD.Edu
Precedence: Bulk
Subject: Ham-Policy Digest V93 #278
To: Ham-Policy

Ham-Policy Digest Sun, 1 Aug 93 Volume 93 : Issue 278

Today's Topics:

1947 No Code survey (was Re: References for Code vs
Code/NoCode (2 msgs)
Guide to the Personal Radio Newsgroups
Technicians can use CW, was Re: Give a VE \$5.60, walk

Send Replies or notes for publication to: <Ham-Policy@UCSD.Edu>
Send subscription requests to: <Ham-Policy-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Policy Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-policy".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 01 Aug 1993 18:04:14 GMT
From: nwnexus!ole!ssc!markz@uunet.uu.net
Subject: 1947 No Code survey (was Re: References for Code vs
To: ham-policy@ucsd.edu

Swami Kumaresan (swamik@orca.NoSubdomain.NoDomain) wrote:
: In article <2395@indep1.UUCP> (Cliff Sharp) writes:
: >In article <1993Jul26.173806.4528@ssc.com> markz@ssc.com (Mark Zenier) writes
: >>Rev. Michael P. Deignan (kd1hz@anomaly.sbs.com) wrote:
: >>: Clearly not. Therefore, I've come to the conclusion that the 3A and 3B
: >>: elements ought to be recombined, and the question pool re-written to
: >>: shore up the theory. Then, modify the license requirements so that
: >>: Techs, regardless of code level, should pass Element 3.
: >>
: >>3B? I'd sure like to see the version of the question pool for that test
: >>in the whatever wierd dimension you live in. HF band limits, Antennas,
: >>propogation. The reason it's not combined is that the material tested
: >>is irrelvant for VHF.
:

: > I wholeheartedly agree, with one reservation; those who can't pass tests
: >about irrelevant things like antennas and propagation shouldn't be allowed
: >to use them. After all, they're irrelevant on VHF. (Oh, propagation being
: >irrelevant on VHF, I should also suggest that those who can't pass the
: >tests not be allowed on the VHF bands during episodes of sporadic-E
: >propagation.)
:
: > The original no-code proposal was widely promoted all over packet as
: >having a MUCH more stringent theory test than the standard Tech test.
: >By the time it was put into place, "MUCH more stringent" meant five more
: >questions. And now you and others like you are already pushing to keep
: >the testing as ridiculously simple as it is, perhaps even to make it
: >easier.
:
: Yeah! What kind of an idiot would suggest removing questions
: about propagation, antennas etc. Mark, how would u like it if
: the FCC told u that since u skipped the question on prop. and ants.
: u could not have an antenna and ur rf energy should not propagate. U wud
: hv a LOT OF FUN, wouldn't u? NOT!

Hey folks, parse "HF band limits, Antennas, propogation" as
HF band limits, HF Antennas, HF propogation".

Boy, the interdimensional interface to the Universe of Ignorance is
leaking a lot into reality this week. Just why did the FCC or the VEC (or
whatever portion of alphabet soup responsible for how the tests are setup)
split the element 3 test into two parts?

Either it's been too long since you two looked at how the tests are set
up, or you just memorized the answers, and have now forgotten the content.

I've got a (now expired) CSCE for 3b moldering in my files. I had some
time after taking the other tests, and so I took it. Without ever bothering
to study for it. It's pretty much of a joke. (Didn't get to 4a or b, they
wanted to shut the test session down so they could go to lunch.)

Mark Zenier markz@ssc.wa.com markz@ssc.com

Date: Sun, 1 Aug 1993 21:37:25 GMT
From: pa.dec.com!nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com
Subject: Code/NoCode
To: ham-policy@ucsd.edu

So Rev, does anything that you're not involved with work "right" in *your*
area? From what you've posted it sounds like the amateur radio service
(along with everything else) is either screwed up or defunct. Or is it

that you draw conclusions about things from isolated anecdotal experiences that match what you previously thought? Ever heard of attribution theory?

In this area the RACES group I'm in is a medium sized group that has its good apples and one or two not so good apples. We have our obligatory cop wanna-be complete with his flashing lights in the car and who is a member of every pseudo authority group in existence. But does that negate the service provided by RACES? Hardly. Are we well trained? Some are well trained and others are only marginally trained. Do we provide a useful service? Well from what I can tell, SKYWARN, flood, severe storm and tornado watches, etc. all help better prepare the community for what's to come. This area is prone to tornados and a few minutes of warning from a trained weather spotter makes the difference between mere property damage and loss of life.

I can't speak for ARES or other organizations in other areas, but like the amateur radio service in general, the disaster and emergency preparedness services have their good and bad. Again this is simply a reflection of society in general which you manage to demonstrate on a regular basis.

73,
Todd
N9MWB

Date: 2 Aug 93 00:46:23 GMT
From: ddsww1!indep1!clifto@uunet.uu.net
Subject: Code/NoCode
To: ham-policy@ucsd.edu

In article <kg8J8B3w165w@amanda.jpunix.com> robert@amanda.jpunix.com (robert) writes:

>The ARES group you spoke of must be run by the same group as the one here
>in Houston, because the incidents you cited parallel those which have
>occurred in the recent past here. And some wonder why I refuse to return
>to Two Meters. Guess no further!

Then find a RACES group or an ESDA unit that can use your services. The ESDA units I'm familiar with are more than happy to have the help, and many use the services of hams to good advantage; moreover, they're generally pretty well organized.

--

+-----+
| Cliff Sharp | clifto@indep1.chi.il.us OR clifto@indep1.uucp |
| WA9PDM | Use whichever one works |
+-----+

Date: Sun, 1 Aug 1993 16:41:06 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!wupost!
crcnis1.unl.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Guide to the Personal Radio Newsgroups
To: ham-policy@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/personal-intro
Revision: 1.4 06/30/93 12:04:14
Changes: new rec.radio.amateur.* newsgroups, cs.utexas.edu gateway

(Note: The following is reprinted with the permission of the author.
Due to the recent reorganization, it is also on a temporarily-
accelerated posting schedule as follows:

July weekly
August bi-weekly
September back to monthly)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info,
and rec.radio.swap newsgroups. It is intended to serve as a guide for the new
reader on what to find where. Questions and comments may be directed to the
author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 30 June 1993 to
add the groups created during the latest reorganization vote and the
description of the cs.utexas.edu gateway.

History =====

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began
to dominate other topics in the group and on the list. This resulted in the
logical solution: a group was created to hold the packet discussion, and
another corresponding mailing list was created as well: net.ham-radio.packet
and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great
Renaming essentially unchanged, moving from net.ham-radio[.packet] to
rec.ham-radio[.packet]. Readership and volume grew with the rest of the

network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: rec.ham-radio.swap. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the rec.radio.shortwave and rec.radio.noncomm newsgroups, and established the precedent of the rec.radio.* hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the rec.radio.* hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in rec.radio.amateur.misc. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Klufft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the rec.radio.amateur hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: rec.radio.amateur.digital.misc (to replace .packet), .equipment, .homebrew, .antenna, and .space.

The Current Groups
=====

I can hear you asking, "OK, so this is all neat history, but what does it

have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is `rec.radio.amateur.misc`. It is what `rec.ham-radio` was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group `rec.radio.amateur.digital.misc` is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, `rec.radio.amateur.packet`, has not been removed as of this writing, but it is obsolete, and you should use `.digital.misc` instead. The group has the `.misc` as part of the name to allow further specialization if the users wish it, such as `.digital.tcp-ip`.

The swap group is now `rec.radio.swap`. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially `.equipment` and `.homebrew`, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in `rec.radio.swap`; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is `rec.radio.amateur.policy`. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. The neverending no-code debate goes here, as does the New Jersey scanner law, the legality of ordering a pizza on the autopatch, what a bunch of rotten no-goodniks the local frequency coordinating body is, and so on.

The other added group is `rec.radio.cb`. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in `rec.ham-radio` in the past; please do not cross-post to both `rec.radio.cb` and `rec.radio.amateur.*` unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The `rec.radio.info` group is just what its name implies: it's the place where

informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is rec-radio-info@ve6mgs.ampr.ab.ca. Inquires and other administrivia should be directed to rec-radio-request@ve6mgs.ampr.ab.ca. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

The rec.radio.amateur.misc, .packet, and .policy groups, and the rec.radio.info group, are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server. The rec.radio.swap group is not available for reading by electronic mail. At this writing, the most recently added groups are also not available for reading by electronic mail, although that may change.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting

=====

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's

headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"If my car ran OS/2, it'd be there by now" -- bumper sticker

GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

Date: Sun, 1 Aug 1993 21:37:33 GMT

From: pa.dec.com!nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com

Subject: Technicians can use CW, was Re: Give a VE \$5.60, walk

To: ham-policy@ucsd.edu

robert@amanda.jpunix.com (robert) writes:

>By the way, no-code techs currently have all amateur privileges above 30
>MHZ, which includes CW. Of course, some people have forgotten this minor
>point.

Yup, and for aurora there's not much else going.

>Also, does anyone even USE CW above 30 MHZ? Not I. Seems pointless to
>maintain it as a requirement for operation on those bands, doesn't it?
>But it also seems pointless for those who have not demonstrated Morse

>skill to have access to bands that are clearly international in nature.
>Just my opinion, take it or leave it.

So the argument is that since it's not in use on those bands, we shouldn't require it? Sounds good to me. Based upon that premise, we should only have a Morse requirement for the CW sub-bands in the HF allocations. After all, Morse isn't used in the phone portions or the RTTY or packet portions.

Or is the argument that because the signals are international in nature that we need Morse code? Based on that premise, 6 meters, satellites, and EME should also require Morse code tests. What you say? You can't do EME unless you know Morse code? Funny, it's hard to use the CW sub-bands either if you don't know Morse code.

The whole thing sounds pretty self limiting without the Morse code requirement.

73,
Todd
N9MWB

Date: Sun, 01 Aug 93 16:25:54 GMT
From: csus.edu!netcom.com!netcomsv!orchard.la.locus.com!prodnet.la.locus.com!
lando.la.locus.com!dana@decwrl.dec.com
To: ham-policy@ucsd.edu

References <CAxJt5.B3K@egr.uri.edu>, <23d03v\$quv@usenet.INS.CWRU.Edu>,
<1993Jul31.114333.16818@anomaly.sbs.com>et.1
Subject : Re: Code/NoCode

In article <1993Jul31.114333.16818@anomaly.sbs.com> kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) writes:

>
>And, I won't even *begin* to tell you the story about the no-clue
>who volunteered for the ARES position of Kent County DEC and now
>drives around in a circa-1974 Ford Pinto with, yes, you guessed
>it, a bar of flashing lights on the roof. Can you say "police
>authority wannabe?" Good, I knew you could. (Ever wonder what the
>local authorities think when he shows up? I'll tell you: They
>chuckle. He's the laughing stock.)

Hmmm.. there were lots of guys like this when I got my license way back in pre-no-clue 1977. There were self-appointed jammer hunters, wannabe cops, you name it. One night WB6ZGC was on 146.52 simplex talking to another ham, making Mr. Rodgers jokes. A wannabe

hamster cop got in his Chevy pickup and went to confront this guy. However, hamster cop looks in his callbook for WB6ZGC, writes down the name for WB6ZGB, and goes to the house of WA6ZGB (me). I wasn't home, but hamster cop, an old-timer, preceded to interrogate my mother for 20 minutes, accusing her of hiding me, etc.

Mikey, you can drop the "no-clue" thing anytime, You sound a lot like my old hamster-cop wannabe friend.

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: Sun, 01 Aug 1993 20:50:12 GMT
From: anomaly.sbs.com!kd1hz@uunet.uu.net
To: ham-policy@ucsd.edu

References <1993Jul29.122119.9251@ee.surrey.ac.uk>,
<930730.111225.8M3.rusnews.w165w@garlic.sbs.com>,
<1993Aug01.161816.153259@locus.com>
Subject : Re: Real CBers

dana@lando.la.locus.com (Dana H. Myers) writes:

>You know, I've heard you and Deignan complaining about this. I'm very
>active on the local VHF repeaters, I'm a board member for a ham club of
>over 200 people, we have dozens of newly licensed Technicians, and I
>have yet to hear a single complaint about HF access without CW.

Gee, Danie, guess you just don't read rec.radio.amateur.* as closely as Tony and I do, then.

MD

Date: 1 Aug 1993 21:18:15 -0400
From: noc.near.net!news.delphi.com!news.delphi.com!not-for-mail@uunet.uu.net
To: ham-policy@ucsd.edu

References <1993Jul19.110351.28366@ennews.eas.asu.edu>,
<CAEyrM.8F5@murdoch.acc.Virginia.EDU>, <22gnqi\$25u@gopher.cs.uofs.edu>
Subject : Re: Order pizza on your autopatch now

bill@cs.uofs.edu (Bill Gunshannon) writes:

>Does anyone have a complete copy of the FCC release?? It was said that
>this change would also allow the use of Amateur Radio more in support of
>education. Was this included? Or is the real thing so vague that we are
>going to find ourselves in the same boat we have always been with armchair
>lawyers poo-pooing everything we try and do. If in fact the rules have
>been made more reasonable and clear, this may be the opportunity we have
>needed to start doing things that will garner good PR without having to
>wait for an earthquake or a flood.

>bill KB3YV

Just a couple of cents here...

Until such time as the "armchair lawyers" get the AUTHORITY to issue Notices of Apparent Liability or make the judgements, I'm not going to worry too much about them. The last time I read 97.113 it was more vague about what was allowed than what was prohibited and I expect the new verbage to be even better. So far have only seen the ARRL bulletin regarding the forthcoming change.

Chuck Daley
KD4LXQ

Date: Sun, 1 Aug 1993 22:51:52 EST
From: anomaly.sbs.com!kd1nr!system@uunet.uu.net
To: ham-policy@ucsd.edu

References <1993Jul29.122119.9251@ee.surrey.ac.uk>,
<930730.111225.8M3.rusnews.w165w@garlic.sbs.com>,
<1993Aug1.000529.5299@mnemosyne.cs.du.edu>
Subject : Re: Real CBers

rcanders@nyx.cs.du.edu (Mr. Nice Guy) writes:

> foolish sig deleted

And for any of you who were going to slam me for calling this guy what I did... read the above. That's all.

Oh, and at least the guy DOES know how to use an editor!

o o Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE

```

      \      /      system @ garlic.sbs.com                Soon W5YI VE
      \__  /
      (oo)      Cow humor. Sort of like the Far Side.
  /|  ___  \
  / | {MTV} ||      MooTV - Rockin' Bumpin' and Funkin' into the 90's
*  ||{___}||
  ||-----||      (And people thought my last .sig was long, ha!)
  ^^      ^^
  -----

```

Date: Sun, 01 Aug 93 16:18:16 GMT
 From: csus.edu!netcom.com!netcomsv!orchard.la.locus.com!prodnet.la.locus.com!
 lando.la.locus.com!dana@decwrl.dec.com
 To: ham-policy@ucsd.edu

References <238345\$cp4@senator-bedfellow.MIT.EDU>,
 <1993Jul29.122119.9251@ee.surrey.ac.uk>,
 <930730.111225.8M3.rusnews.w165w@garlic.sbs.com>s.com
 Subject : Re: Real CBers

In article <930730.111225.8M3.rusnews.w165w@garlic.sbs.com> system@garlic.sbs.com
 (Tony Pelliccio) writes:

>M.Willis@ee.surrey.ac.uk (Mike Willis) writes:

>

>> Yes. CODELESS != CLUELESS.

>>

>>

>> All this stuff amuses me as in the UK we have had a codeless licence for many
 >> years. A large number of technical competants have taken advantage of this.
 >> VHF upwards is so much more rewarding than HF.

>

>Two things, this is the United States, not the United Kingdom and
 >secondly, to each his own. Some people are perfectly happy to remain in
 >VHF/UHF and others aren't.

Oh, Tony, what makes the UK different than the US? Why isn't Mike's
 comment valid?

>The problem with this is that you get people who came in under the
 >no-code license, then scream because they want HF access without any
 >additional effort. Hence, clueless. :)

You know, I've heard you and Deignan complaining about this. I'm very
 active on the local VHF repeaters, I'm a board member for a ham club of
 over 200 people, we have dozens of newly licensed Technicians, and I
 have yet to hear a single complaint about HF access without CW. Are

and Mikey making this up to stir flames?

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

End of Ham-Policy Digest V93 #278
